and complexity. Two and a half centuries of users have left their diverse marks on this land, to the point that it embodies in a surprisingly rich and readable fashion a microcosm of eighteenth to twentieth century issues in American land use and development. In three days of cycling between the foothills on the Green Mountains and the shores of Lake Champlain, we will sample the patterns of this historic and changing landscape in terms of settlement (reflecting topography, defense, town politics), utilization of resources (woodlots, quarries, farmlands), transportation (barges, ferries, road networks, railroads, bridges), industry (iron furnaces, mills, warehouses), agriculture (sheep, feed crops, dairy, orchards, sugarbush, farm building types), and town evolution (following the course of the historic architecture styles from the colonial period to the present).

Interpreting the passing scene will be Professor **Glenn Andres**. Professor Andres has taught the history of American architecture and urbanism both at Middlebury and as a Fulbright lecturer in American visual culture at the University of Exeter in England. He is a member of the Vermont Advisory Council for Historic Preservation, and is currently compiling a history of Vermont architecture for the *Buildings of the United States* series sponsored by the Society of Architectural Historians. Each evening Professor Andres will discuss the sites to be visited the next day, and he will accompany the group during the day.

The trip is organized and led by Bike Vermont, one of the oldest bicycle touring companies in the country and the only one to operate exclusively in Vermont and the Connecticut River Valley. Two Bike Vermont tour leaders will accompany the group, and will take care of all logistical details.

Lodging: We will stay at Bread Loaf on Wednesday and Saturday, and at the Shoreham Inn on Thursday and Friday. The Shoreham Inn, built in the late 1790s, is in the historic village of Shoreham, near Lake Champlain.

The Route: Bicycling will begin in East Middlebury. (Participants are <u>not</u> expected to pedal up or down the mountain from Bread Loaf!) Thursday's cycling will take us to Salisbury, Lake Dunmore, Whiting and Shoreham (36 miles). On Friday we will visit Shoreham, Orwell and Fort Ticonderoga (31 miles). On Saturday, we will travel north to Bridport and Chimney Point, where the tour will end (21 miles). We will return to Bread Loaf on Saturday afternoon and participate in the rest of the Alumni College program there.

Bicycles can be rented from Bike Vermont. The trip is limited to 20 people and is open to people of all abilities. If you have questions, call Bike Vermont at (800) 257-2226.

To register, fill out the coupon and mail it with your payment to the Alumni Office at Middlebury, which will forward your name to Bike Vermont. Bike Vermont will then send you a confirmation of your registration, along with detailed information about the trip.

AND FOR YOUR CHILDREN: This year, introduce your children to the Alumni College experience. We are considering adding a children's activity program if sufficient interest exists. Please contact the Alumni Office if you would be interested in such a program.

Alumni College
Middlebury College
Kirk Alumni Center
Middlebury, VT 05753

Alumni College XVIII
September 1-5, 1993

I/We will attend Alumni College XVIII.

Please reserve space: for me ☐ my spouse/guest ☐

Enclosed is my check in the amount of $_____

Name_____Class_____

Spouse/Guest Name_____

Address_____

_____Phone_____

						Bike Trip
My topic is:	1	2	3	4	5	6
Spouse/Guest's topic:	1	2	3	4	5	6
My second choice:	1	2	3	4	5	6
Spouse/Guest's 2nd choice:	1	2	3	4	5	6

FEES

REGULAR ALUMNI COLLEGE COURSES: All-inclusive cost (covering 12 meals, four nights of lodging at Bread Loaf, tuition and books) is $350/person. The cost for younger alumni (classes of '78-'93) is $300/person.

BICYCLE TRIP: All-inclusive cost (12 meals, four nights of lodging at Bread Loaf and the Shoreham Inn, tuition, transfers, etc.) is $450/person for alumni from all classes.

Recreational opportunities include tennis, swimming, hiking and golf (greens fee additional).

Method of Payment :

☐ Check enclosed (payable to Middlebury College)

☐ Credit Card: VISA ☐ Mastercard ☐ Expiration Date ___/____

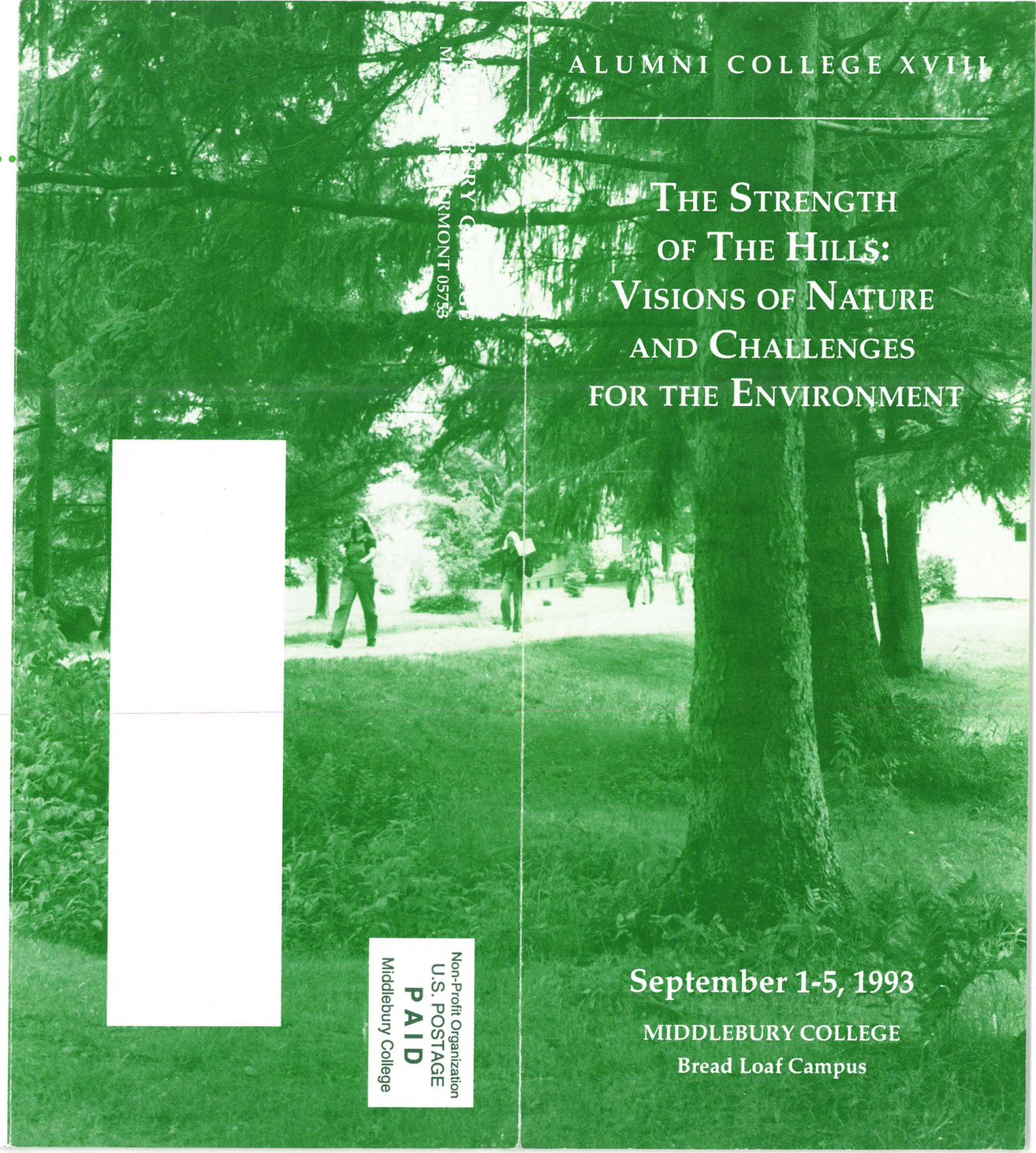
Card Number_____

Cardholder's name: (please print)_____

Cardholder's signature:_____

Reservation deadline: August 15, 1993

For more information, call the Alumni Office at (802) 388-3711 ext. 5183, or write Alumni Office, Kirk Alumni Center, Middlebury College, Middlebury, VT 05753-6180. FAX: 802-388-1340.


ALUMNI COLLEGE XVIII
THE STRENGTH OF THE HILLS: VISIONS OF NATURE AND CHALLENGES FOR THE ENVIRONMENT
September 1-5, 1993
MIDDLEBURY COLLEGE
Bread Loaf Campus

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Middlebury College

Please join us at Bread Loaf, September 1-5, with other Middlebury alumni, parents and friends for the eighteenth session of Middlebury's Alumni College.

This year we are offering for the first time a special thematically focused Alumni College: a cluster of courses all related to nature and the environment. The Bread Loaf campus is the perfect setting for contemplating not only the beauty of the natural world, but also the serious challenges it now faces. We have therefore assembled a team of talented faculty members to offer you a variety of perspectives from which to consider your relationship to the natural world.

We are also introducing an Alumni College on wheels — a three-day bicycle tour of the Champlain Valley with Professor of Art Glenn Andres and Bike Vermont Inc.

In addition to courses described in this brochure, we will have a number of optional special activities, ranging from afternoon walks and hikes to evening lectures and presentations.

All of these events — from the sedentary to the leg-stretching — are meant to be springboards for conversations about our common sense of place, as friends and alumni of Middlebury College and as concerned citizens of the world.

We hope you will plan to take part in this educational vacation in Vermont!

1. Boats, Monsters, Legends and Facts: Lake Champlain from Present to Past

Lake Champlain was formed 13,000 years ago, under a mile of glacial ice. From its earliest use by Indians, to its role as a setting for the gunboats of the Revolutionary War, to its present recreational use, the lake has been navigated and enjoyed by many. This course will discuss how the lake came into being, how its historical maritime wrecks help us to understand its history, and the environmental impacts it faces today. For the seaworthy, there will be an opportunity to participate in a research cruise on Lake Champlain using Middlebury's 32-foot research vessel, the R/V Baldwin.

Patricia Manley, Assistant Professor of Geology, has taught at Middlebury since 1989. She received a B.S. from Kent State University and her M.A., M.Phil. and Ph.D. from Lamont-Doherty Geological Observatory of Columbia University. Her expertise is in marine geology. **Thomas Manley**, Research Associate at Middlebury since 1989, has taught courses in oceanography and environmental impact on coastal and inland waters. He received a B.S. from Kent State University and his M.A., M.Phil. and Ph.D. from Lamont-Doherty Geological Observatory. His field is polar oceanography.

2. "Fill the Earth and Master It" — Biblical Perspectives on Ecology

The creation story in Genesis 1-2, with its call to "fill the earth and master it," has been taken as the expression of an attitude towards the natural world which allows and even enjoins its ruthless subjection and exploitation. In modern thought, this position begins with Max Weber, who argued that the Biblical conception of creation, in renouncing all polytheism, draws an unbreachable line of separation between the Creator, who is divine, and the creation, which is purged of all divinities.

In this course we will seek to let the Biblical texts speak for themselves. One cannot speak of a uniform "view of nature" in the Bible. The Bible contains a diversity of attitudes and understandings of the natural world. We will also look at some of the Jewish and Christian positions on ecology which are rooted in these Biblical views.

Robert Schine, Associate Professor of Religion, has been teaching Judaic studies at Middlebury since 1985, offering courses in the Bible, Classical Hebrew, and on the history of Jewish thought and religion. He holds a Ph.D. in Jewish Philosophy from the Jewish Theological Seminary of America and an M.A. in Philosophy from the Universitat Freiburg i.Br. (Germany). He is the author of *Jewish Thought Adrift: Max Weiner 1882-1950* (Atlanta: Scholars Press, 1992).

3. Frost Country

In this course we will read widely in the poetry of Robert Frost, exploring not only his literary achievements but also his specific connections with the landscape of Vermont. Frost's vision of the Green Mountains was informed by an awareness of geological processes, of nineteenth-century agriculture and village life, and of the depopulation and reforesting of the state in his own day. We will visit several sites near Bread Loaf that enrich our sense of the context for particular poems to be discussed.

John Elder teaches English and Environmental Studies at Middlebury and directs the Environmental Studies Program. He also teaches at the Bread Loaf School of English and served as the founding director of the new Bread Loaf branch in Santa Fe. His interests include contemporary poetry, English and American nature writing, and the Japanese aesthetic of nature.

4. Energy and Climate: Global Solutions to Global Warming

Global warming has emerged as the most serious environmental threat of the 21st century. Rising sea levels, loss of agricultural productivity, desertification, extinction of species, and increasingly severe storms are among the consequences predicted with even modest increases in average global temperature. Social and political upheaval would necessarily accompany these changes in the physical environment. A major cause of global warming is the build-up of carbon dioxide from the combustion of fossil fuels. Catastrophic climate change might be averted by reducing energy consumption, developing alternative sources of energy, or finding ways to remove carbon dioxide from the atmosphere. This course will explore the scientific, economic and political challenges of global warming, and will examine proposed solutions.

David Rosenberg, Professor of Political Science and Director of the East Asian Studies Program, has taught at Middlebury since 1972. . On leave during the 1992-93 academic year, Professor Rosenberg travelled to Thailand, Vietnam and Japan to pursue research on economic development and environmental policies in Asia.

Jean Rosenberg has taught economics at the University of Vermont and Middlebury. She holds a Ph.D. in economics from Cornell, and has conducted workshops on global warming throughout the United States.

Richard Wolfson is Professor of Physics and George Ellis Professor of the Liberal Arts at Middlebury. He holds a Ph.D. in physics, as well as an M.S. in environmental studies. His latest book, *Nuclear Choices: A Citizen's Guide to Nuclear Technology*, addresses the scientific and social implications of nuclear and other energy technologies.

5. Considering Our NaturalEnvironment: Pastel Landscape Painting at Bread Loaf

In this course we will paint the beautiful, natural surroundings of the Bread Loaf campus. Using the medium of pastel, our class will focus on basic issues of pictorial composition, drawing, value and color. The class will be organized around a combination of lectures, individual technical instruction, group pastel demonstrations and class critique. Also included will be a slide lecture on the history of pastel painting. No previous experience is necessary.

Jim Butler, Associate Professor of Art, has taught painting at Middlebury since 1981, including four Alumni College painting courses. Professor Butler has held three solo exhibitions of his work in New York City and has been included in numerous group exhibitions nationally. He has received three grants for his work from the Vermont Council on the Arts and is currently working on a solo exhibition for the University of Virginia.

Materials Fee: $20. Please include with your registration.

BICYCLE TOUR OF THE CHAMPLAIN VALLEY

6. People on the Land: The Champlain Valley

For all its seemingly pastoral simplicity, the Champlain Valley is also a human landscape of fascinating variety